

**LINEAR-TRACKING WINDSHIELD WIPER SYSTEM
FOR WIPING A RECTANGULAR FIELD**

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ABSTRACT OF THE DISCLOSURE

A system for wiping a windshield of a vehicle in a rectangular field, comprising a wiper arm, a wiper blade assembly operationally attached to the wiper arm, and means for rotating and translating the wiper arm to cause said wiper blade assembly to track in a linear path across the windshield. The system includes a three-gear train for moving a pivot point on the wiper arm along a circular path centered on a virtual pivot point. The system is especially suited for wiping low aspect ratio windshields.